

**WHAT IS CLAIMED IS:**

- 1                    1.        An insect bait station for attracting and killing an insect, said insect  
2 station comprising:  
3                    a body having an external groove for supporting a pesticide.
- 1                    2.        The insect bait station according to claim 1, wherein said body is  
2 cylindrical or sperical.
- 1                    3.        The insect bait station according to claim 2, wherein said body  
2 comprises a cylinder.
- 1                    4.        The insect bait station according to claim 3, wherein said groove is  
2 elongated.
- 1                    5.        The insect bait station according to claim 3, wherein said groove  
2 extends generally longitudinally along the length of said cylinder body.
- 1                    6.        The insect bait station according to claim 3, wherein said groove  
2 has a spiral slope.
- 1                    7.        The insect bait station according to claim 4, wherein the height of  
2 said groove is at least two times larger than the width of said groove.
- 1                    8.        The insect bait station according to claim 3, wherein said body has  
2 a plurality of grooves.
- 1                    9.        The insect bait station according to claim 3, wherein said cylinder  
2 has a diameter of between about ¼ inch to about 2 inches.
- 1                    10.       The insect bait station according to claim 3, wherein said cylinder  
2 is between about 6 inches to about 18 inches in length.
- 1                    11.       The insect bait station according to claim 3, wherein said groove is  
2 circumferential.
- 1                    12.       The insect bait station according to claim 1, further comprising a  
2 hanger member connected to said body.

1                   13.     The insect bait station according to claim 1, wherein said body is  
2     extrusion molded.

1                   14.     The insect bait station according to claim 1, wherein said body is  
2     injected molded.

1                   15.     The insect bait station according to claim 3, further comprising a  
2     pesticide disposed in the external groove wherein said pesticide is a viscous liquid or  
3     solid formulation.

1                   16.     The insect bait station according to claim 15, wherein said  
2     pesticide is a fast acting insecticide.

1                   17.     The insect bait station according to claim 15, wherein said  
2     pesticide is a member selected from the group consisting of nitromethylene and phenyl  
3     pyrazole.

1                   18.     The insect bait station according to claim 15, wherein said  
2     pesticide sticks to said body under the force of gravity.

1                   19.     The insect bait station according to claim 17, wherein said  
2     insecticide is a fast acting insecticide.

1                   20.     The insect bait station according to claim 1, further comprising a  
2     pest attractant reservoir connected to said body.

1                   21.     The insect bait station according to claim 20, wherein said body  
2     has a top portion and a bottom portion, said pest attractant reservoir being affixed to said  
3     bottom portion. The reservoir could be part of the hanger device, also. 112

1                   22.     The insect bait station according to claim 20, wherein said pest  
2     attractant reservoir being affixed to said hanger member.

1                   23.     The insect bait station according to claim 20, wherein said pest  
2     attractant is an insect pheromone.

1                   24.     The insect bait station according to claim 20, wherein said pest  
2     attractant is a feeding attractant.

1                   25.     The insect bait station according to claim 1, further comprising a  
2 cylinder sheath.

1                   26.     The insect bait station according to claim 1, wherein said pesticide  
2 is formulated to kill *Musca domestica*.

1                   27.     An insect bait station for killing *Musca domestica*, said station  
2 comprising:

3                         a body having an external surface oriented generally vertically, said  
4 external surface comprising at least one groove configured to support a pesticide of a  
5 viscous liquid or solid formulation so that said pesticide is exposed to said external  
6 surface of said body.

1                   28.     The insect bait station according to claim 27, wherein said external  
2 surface of said body comprises a plurality of generally vertical grooves.

1                   29.     The insect bait station according to claim 27, wherein said body is  
2 generally cylindrical.

1                   30.     The insect bait station according to claim 27, wherein said at least  
2 one groove covers an area of the external surface equal to at least about 30% of the total  
3 area of said external surface.

1                   31.     An insect bait station comprising:  
2                         a body including a continuous external surface having at least one external  
3 groove for supporting a pesticide, said at least one external groove exposing said pesticide  
4 to said external surface of said body and providing one or more edges for insects to land  
5 on or near said pesticide.

1                   32.     The insect bait station according to claim 31, wherein said body is  
2 generally cylindrical.

1                   33.     A method for killing an insect, said method comprising:  
2                         providing a station body having at least one external groove on an external  
3 surface to provide one or more edges for said insect to land; and

4 applying a self-adhering pesticide on said external groove to expose said  
5 pesticide to said external surface and place said pesticide at or near said one or more  
6 edges.

1 34. The method according to claim 33, wherein said insect is a fly.